

# EUROPEAN PATENT OFFICE

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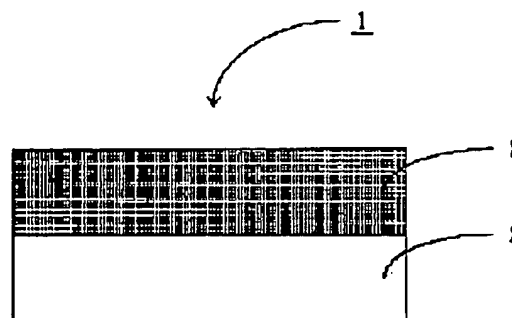
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APPLICANT : DAINIPPON PRINTING CO LTD;

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C08J 7/04

TITLE : RECORDING SHEET



**ABSTRACT :** PROBLEM TO BE SOLVED: To obtain printing compatibility under not only the atmosphere of normal temperature and normal humidity but also the atmosphere of high temperature and high humidity or low temperature and low humidity by a method wherein an ink receptive layer is constituted of the principal constituent of the mixture of aqueous water-insoluble resin, in a recording sheet provided with the ink receptive layer on at least one side thereof.

**SOLUTION:** A substrate sheet 2, employed in a recording sheet 1, can be constituted of a normal substrate sheet as it is and there is no limit especially. An ink receptive layer 3, formed on one side of the substrate sheet 2, is constituted principally of the mixture of aqueous water-insoluble resin and a water-soluble resin having a resistance to moisture and heat as well as low-temperature printing property while the mixture is preferable to be the combination of aqueous polyester resin, polyvinyl alcohol and polyvinyl pyrrolidone. The water-soluble resin, having a resistance to moisture and heat as well as low-temperature printing property, is a resin soluble in water, alcohol or the mixed solvent of these substances while the keeping quality in respective atmospheres (temperature range: -20-50°C, humidity range: 10-90%RH) is excellent and the deterioration of water absorbing property as well as printing property is little.

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